REMARKS

This Preliminary Amendment is submitted to delete the multiple dependencies of the claims in the subject application. No new matter is presented. Approval and entry is respectfully requested.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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Date: February 19, 2002

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Please AMEND the following claims:

4. (ONCE AMENDED) A wavelength division multiplexing optical transmission apparatus as claimed in [any one of claims 1 to 3] claim 1, wherein

the light emitting means is a wavelength tunable light source having a wavelength locker function, and generates signal light whose wavelength is swept within the bandwidth of the port at which the pilot signal is input, and

the light detecting means detects the amount of fluctuation in the filter characteristics of the port by detecting the swept signal light.

5. (ONCE AMENDED) A wavelength division multiplexing optical transmission apparatus as claimed in [any one of claims 1 to 3] claim 1, wherein

the light emitting means comprises a plurality of light sources, and

the light detecting means detects the amount of fluctuation in the filter characteristics of the port at which the pilot signal is input, by comparing received light levels between the plurality of light sources.

Please ADD the following claims:

6. (NEW) A wavelength division multiplexing optical transmission apparatus as claimed in claim 2, wherein

the light emitting means is a wavelength tunable light source having a wavelength locker function, and generates signal light whose wavelength is swept within the bandwidth of the port at which the pilot signal is input, and

the light detecting means detects the amount of fluctuation in the filter characteristics of the port by detecting the swept signal light.

7. (NEW) A wavelength division multiplexing optical transmission apparatus as claimed in claim 3, wherein

the light emitting means is a wavelength tunable light source having a wavelength locker function, and generates signal light whose wavelength is swept within the bandwidth of the port

at which the pilot signal is input, and

the light detecting means detects the amount of fluctuation in the filter characteristics of the port by detecting the swept signal light.

8. (NEW) A wavelength division multiplexing optical transmission apparatus as claimed in claim 2, wherein

the light emitting means comprises a plurality of light sources, and

the light detecting means detects the amount of fluctuation in the filter characteristics of the port at which the pilot signal is input, by comparing received light levels between the plurality of light sources.

9. (NEW) A wavelength division multiplexing optical transmission apparatus as claimed in claim 3, wherein

the light emitting means comprises a plurality of light sources, and

the light detecting means detects the amount of fluctuation in the filter characteristics of the port at which the pilot signal is input, by comparing received light levels between the plurality of light sources.